5.1 B WS Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ per \_\_\_

Add/subtract the fractions.

1. 2. 3. 4.

Split the fraction into two fractions and simplify.

5. 6. 7. 8.

Factor the following expressions.

9. 10. 11. 12.

Multiply by the conjugate and reduce if possible.

13. 14. 15. 16.

\*17. Find the six trig functions that satisfy the given information using identities.

\*18. Simplify: \*19. Simplify:

\*20. Simplify: